IN THE CLAIMS:

Please amend claims 1, 11, 20 and 21 as follows.

1. (Currently Amended) Handover-method in a cellular radio system including base transceiver stations and mobile stations, in which cellular radio system at least two frequency ~~bands~~ ranges are used, one of the frequency ranges sending a broadcast signal, wherein the method comprises the steps of:

transmitting by each base transceiver station a broadcast signal intended for all mobile stations in a first frequency range;

starting handover to ~~the~~ a second frequency range on which a broadcast signal is not sent;

supplying a criterion for a conditional handover to a base transceiver station relating to the second frequency range;

measuring bursts sent by a mobile station in the second frequency range and relating to the handover signalling at the base transceiver station relating to the second frequency range;

comparing the measurement results with the criterion; and

when the criterion is met, completing the handover to the second frequency range.

2. (Previously Presented) Method as defined in claim 1, wherein the method further comprises the steps of:

interrupting the handover, when the criterion is not met; and

continuing the communication between mobile station and network on the initial channel, from which the handover started.

3. (Previously Presented) Method as defined in claim 2, wherein the method further comprises the step of notifying the mobile station of the handover interruption.

4. (Previously Presented) Method as defined in claim 1, wherein the method further comprises the step of measuring the signal level of the mobile station's bursts.

5. (Previously Presented) Method as defined in claim 1, wherein the method further comprises the step of measuring the signal-to-noise ratio of the mobile station's bursts.

6. (Previously Presented) Method as defined in claim 1, wherein the criterion is transmitted to the base transceiver station in connection with the channel assignment signaling.

7. (Canceled).

8. (Previously Presented) Method as defined in claim 1, wherein the method further comprises the step of measuring, at the base transceiver station, on a new channel

assigned for the connection the bursts of connection request signaling received from the mobile station.

9. (Previously Presented) Method as defined in claim 1, wherein the method further comprises the step of measuring, at the base transceiver station, the bursts of link connection set up signalling received from the mobile station.

10. (Previously Presented) Method as defined in claim 1, wherein the first frequency range is a frequency range of a lower frequency than the second frequency range.

11. (Currently amended) Handover-method in a cellular radio system including base transceiver stations and mobile stations, wherein the method comprises the steps of:

starting handover from an initial channel, on which a broadcast signal is sent, to a target channel, on which a broadcast signal is not sent;

supplying a criterion for a conditional handover to a base transceiver station relating to the target channel;

measuring bursts transmitted by the mobile station in the target channel and relating to the handover signalling at the base transceiver station relating to the target channel;;

comparing the measurement results with the criterion; and

when the criterion is met, completing the handover to the target channel.

12. (Previously presented) Method as defined in claim 11, wherein the method further comprises the step of:

interrupting the handover, when the criterion is not met; and

continuing the communication between the mobile station and the network on the initial channel, from which handover started.

13. (Previously Presented) Method as defined in claim 12, wherein the method further comprises the step of notifying the mobile station of the handover interruption.

14. (Previously Presented) Method as defined in claim 11, wherein the method further comprises the step of measuring the signal level of the mobile station's bursts.

15. (Previously Presented) Method as defined in claim 11, wherein the method further comprises the step of measuring the signal-to-noise ratio of the mobile station's bursts.

16. (Previously Presented) Method as defined in claim 11, wherein the criterion is transmitted to the base transceiver station in connection with the channel assignment request signaling.

17. (Canceled).

18. (Previously Presented) Method as defined in claim 11, wherein the method further comprises the step of measuring, at the base transceiver station, on the target channel the bursts of the connection request signallingreceived from the mobile station are measured at the base transceiver station.

19. (Previously Presented) Method as defined in claim 11, wherein the method further comprises the step of measuring, at the base transceiver station, the signal of the link connection set up signallingreceived from the mobile station.

20. (Currently amended) Mobile communications system including base transceiver stations and mobile stations, the mobile communications system configured:

to start a conditional handover from a first frequency range, on which a broadcast signal is sent, and to supply a criterion for the conditional handover to a base transceiver station relating to a second frequency range, on which a broadcast signal is not sent,;

to measure bursts sent by a mobile station and relating to a handover signalling at the base transceiver station relating to the second frequency range;;

to compare the measurement results with the criterion, and

to interrupt the handover, when the mobile station signal as a result of the comparison does not meet the criterion.

21. (Currently amended) Base transceiver station including a handover-signalling unit for controlling the handover signalling, the base transceiver station relating to a second frequency range, on which a broadcast signal is not sent, the base transceiver station comprising:

receiving means for receiving a criterion for a conditional handover from a base transceiver station sending a broadcast signal in a first frequency range;

measuring means for measuring bursts sent by a mobile station in the second frequency range and relating to the handover signalling; and

comparison means for comparing measurement results of the measuring means with ~~a pre-established~~the criterion for ~~continuation of~~of the conditional handover, whereby as a result of the comparison a control signal is obtained for the handover-signalling unit.